

**Date:**

September 30, 2015

**Applicant:**

Teras Resources, Inc.  
No. 206, 6025 12<sup>th</sup> St.S.E.  
Calgary, Alberta, Canada  
Phone No. 403-262-8411  
Mr. Peter Leger

**Applicant's Representative:**

N/A

**Project Name:**

Teras Resources, Inc - Cahuilla Gold Mining Project Phase 3, WDID No. 7A133144001

**Receiving Water:**

Portions of Wonderstone Wash and its tributaries. Wonderstone Wash is ultimately a tributary to the Salton Sea.

**Location:**

**City or area:** Just west of Salton Sea, Imperial County, California

**Longitude/ Latitude:** -116.064806/ 33.369567

**Township/Range:** Township 9 South, Range 9 East

**Project Description:**

Teras Resources, Inc. proposes to conduct exploratory drilling activities to gather subsurface geologic information needed to determine areas suitable for a potential mining operation.

Clean-up of the existing access roads and new roads will allow for improved access to the site for drilling equipment and related excavation equipment. Teras Resources, Inc. propose to conduct exploratory drilling activities, including drilling operations, cleaning up and improvement of access roads, and clearance of new temporary access routes in Western Imperial County, California.

Existing roads will be repaired in areas where washouts have occurred; boulders and other debris that block roadways will be cleaned up where necessary for vehicle access. New roads will be cleared at a maximum width of 12 feet. The drill program consists of up to 2,000 new borings (1,000 on Tribal land and 1,000 on private lands) ranging in depth from 25 to 2,000 feet below grade surface. Drilling will primarily be conducted in previously disturbed areas.

Clean-up of the existing access roads and development of new temporary access routes will allow for improved access for drilling equipment and related excavation equipment. The proposed activities will be located on private parcels under the jurisdiction of the County of Imperial (County), and on Torres-Martinez Tribal (Tribal) lands within Sections 20 and 30 of the Torres-Martinez Reservation. The Applicant proposed to conduct these activities as the third phase of the ongoing Cahuilla Gold Mining Project.

The Project consists of the repair and maintenance of existing roadways and development of new temporary access routes in order to access all three phases of the Project to continue and expand exploratory drilling activities. Existing roads will be repaired in areas where washouts have occurred; boulders and other debris that block roadways will be cleaned up where necessary for vehicle access.

New temporary access routes will be cleared to a maximum width of 12 feet to access all three phases. New access routes would require a maximum of two acres of surface disturbance. This surface disturbance was conservatively calculated to include 12 feet of width for the entire length of new routes. The actual impact of the new access routes will be determined during site preparation prior to beginning Phase 3 and is expected to be less than two acres as efforts will be made to clear new routes along previously disturbed areas.

The Phase 3 drill program consists of up to 2,000 new borings (1,000 on Tribal land and 1,000 on private lands) ranging in depth from 25 to 2,000 feet below grade surface. The drilling program will be implemented throughout Phases 1, 2, and 3. Drill locations will be determined based on presence of mineral resource information once testing has commenced, and to avoid sensitive environmental resources to the extent feasible or as required by Project design elements. Each drill hole requires less than two-square feet of disturbance. The total disturbance required for 2,000 borings will be approximately 0.10 acre. Boring holes will not require construction of drill pads.

**Action:**

Pending

**Water Board Contact:**

Jay Mirpour, Water Resources Control Engineer  
(760) 776-8981  
jmirpour@waterboards.ca.gov